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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

## Complete if Known

Application Number **N/A 10715919**  
Filing Date **N/A**  
First Named Inventor **Chuang**  
Group Art Unit **N/A**  
Examiner Name **N/A**  
Attorney Docket Number **11157-68/PMdC**

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-4,469,903	09-04-1984	Schmidt	
	2	US- 4,760,202	07-26-1988	Dettmer et al.	
	3	US- 4,760,203	07-26-1988	Carls et al.	
	4	US- 5,221,441	08-22-1993	Smith, Jr.	
	5	US- 5,488,185	01-30-1996	Ramachandran et al.	
	6	US- 3,948,681	04-06-1978	Burger, Jr. et al.	
	7	US- 4,911,803	03-27-1990	Kunz	
	8	US- 3,280,014	10-18-1966	K. W. KORDESCH ET AL	
	9	US- 4,982,022	01-1991	Smith Jr. et al	
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 99/44253	09-02-1999	BALLARD POWER SYSTEM INC.		

Examiner  
Signature

Date  
Considered

1/3/07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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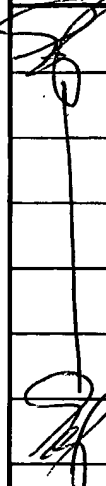
(use as many sheets as necessary)

Sheet 1 of 1

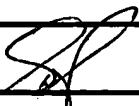
### Complete if Known

Application Number	N/A 10765919
Filing Date	N/A
First Named Inventor	Chuang
Group Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	11157-68/PMdC

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Azeotropic and Extractive Distillation, Interscience Library of Chemical Engineering and Processing, John Wiley and Sons, New York (1964), pp. 165-168 and 179-203.	
	2	WANKAT in Equilibrium Staged Separations, Elsevier, New York (1988); pp 301-335.	
	3	LINNEKOSKI et al. in Applied Catalysis A: General, vol. 170 (1998), pp. 117-126.	
	4	GONZALEZ et al., Industrial and engineering Chemistry Research, 1997, 36, 3845-3853.	
	5	Hydrocarbon Processing, November 1972, pp. 113-116.	
	6	ODIOSO et al., Industrial and Engineering Chemistry, March 1981, vol. 53(3), pp. 209-211.	
		Kishimoto, Hirotatsu et al; Amorphous Alloy Electrodes for Electrooxidation of Propane; Chemical Abstract accession no. 123: 125466; XP-002193071; abstract. (1987)	

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